HP Compaq nx6320 Notebook PC

Ideal balance of productivity and affordability—
Intel® Core™ Duo processors, 14.1/15-inch displays and
7-in-1 media reader

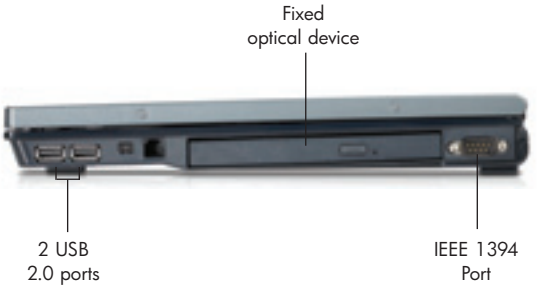
invent

Get more than you bargained for.

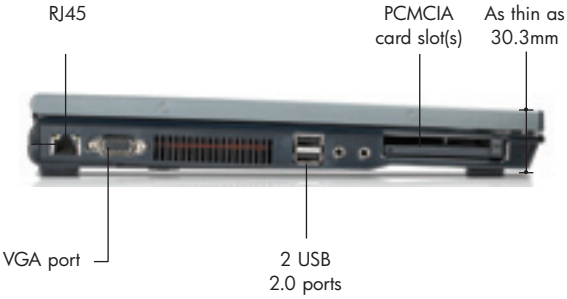
The HP Compaq nx6320 Notebook PC is designed for the mobile professional looking for full-user functionality and versatile features at an affordable price.

Key features

Right view



Left view



Front view

HP Compaq nx6320 Notebook PC. Designed with 360-degree protection.

From sturdiness to security to stretching productivity,
HP ensures you enjoy more peace of mind wherever you go

Physical Protection

HP Panel Protection
A screen that resists scuffs and scratches

Spill-resistant Keyboard
Mylar film reduces risk of liquid damage

HP Mobile Data Protection
Protects the hard drive from jolts and vibration

Magnesium Alloy Casing
Strong but lightweight material handles everyday knocks

Data Protection

HP ProtectTools Solution
Extensible, easy-to-use software, firmware and security devices

SmartCard Security (optional)
An added layer of protection that complements user passwords

Biometeric Fingerprint Sensor (optional)
Your fingerprint becomes an unbreakable, unforgettable password

HP Enhanced Drivelock Technology
Prevents hard drive data theft even if it's removed

Investment Protection

Commonality of Accessories — Easily share all accessories across the HP notebook range.

Accessories for HP Compaq nx6320 Notebook PC

Docking Stations

HP Docking Station
Part Number: PA286A

- Desk convenience with full port replication capability in a space-saving design (AC adapter included).
- Easy docking system provides port replication and cable management in one product. 4 USB 2.0 ports, DVI and S-Video, Gigabit Ethernet and all Legacy ports.
- Optional integrated HP/Kensington Cable Lock allows you to secure your docking station and computer with one lock.

HP Advanced Docking Station
Part Number: PA287A

- Robust desktop replacement solution for your mobile office with advanced features like 6 USB ports, integrated MultiBay II and ExpressCard slot. (AC adapter included).
- Easy docking system provides port replication, cable management and an extra expansion bay—all in one product.
- Optional integrated HP/Kensington Cable Lock allows you to secure your docking station, notebook and integrated MultiBay II with one lock.

Monitor Stands

HP Adjustable Notebook Stand
Part Number: PA508A

- Notebook stand with one-hand adjustability eliminates the need for an external monitor.
- Adaptable design lets you connect either the HP Docking Station or the HP Advanced Docking Station.
- Unique design raises your computer screen to an adjustable comfortable eye level.
- Simple cable management channels on the back of the stand unclutter your desktop when connecting multiple devices.

HP Monitor Stand
Part Number: PA507A

- Compact design with support for up to 21-inch monitor (up to 100 lbs).
- Convenient power button and light, AC power light, dock light and MultiBay II light (Advanced Docking Station only) on the stand replaces controls on the docking station.
- Open-sided design allows easy access to frequently used bays, slots and ports on the docking station.

Power, Storage & Security

HP Extended Life Battery (8-cell)
Part Number: PB993A

HP Ultra Capacity Battery (12-cell)
Part Number: EJ092AA

- Double or triple total battery life using either the 8-cell or 12-cell battery respectively.
- Ideal for mobile users who are constantly on the road.
- Supports computer docking with the 8-cell battery attached.

HP External MultiBay II
Part Number: PA509A

- Compact optical drive or hard drive storage solution.
- Perfect companion device for ultraportable notebook and tablet PC users.
- Supports horizontal or vertical orientation.

HP/Kensington Cable Lock
Part Number: PC766A

- Can be used as a regular cable lock or as part of the docking station.
- Helps secure your docking station,computer and integrated MultiBay II drive when used with the HP Advanced Docking Station.

HP Compaq nx6320 Notebook PC
At A Glance

Dual-band wireless LAN antennas
Integrated into the display.

Amazing visuals
with a 14.1 or 15-inch display.

Backup, archive and label data easily
Optional LightScribe DVD+/– RW optical drives.

Extended mobility life
Get all-day computing with the addition of the **HP Extended Life Battery** or the **HP Ultra Capacity Battery** which doubles and triples battery life respectively. **HP Fast Charge Technology** also charges the primary battery to 90% in 90 minutes.

Superior graphics
Intel® Graphics Media Accelerator 950 with up to 128-MB shared system memory.

Greater productivity and enhanced multi-tasking
with Intel® Core™ Duo processors.

Keep critical data safe
Through HP ProtectTools suite of security solutions including an optional integrated biometric fingerprint sensor or optional integrated smart card reader.

Connect rapidly, easily and securely
with Gigabit Ethernet, Wireless Adapter and Bluetooth 2.0.

Share data easily and quickly
Integrated 7-in-1 media reader.

Reliable and scratch resistant, built for rigorous mobile user environments
with a combination of reinforced composite material and in-mold laminate.

HP Compaq nx6320 Notebook PC

HP recommends Microsoft® Windows® XP Professional

Processor[1]	Intel® Core™ Duo Processor T2600* (2.16-GHz, 667-MHz FSB, 2-MB L2 cache) Intel® Core™ Duo Processor T2500* (2.00-GHz, 667-MHz FSB, 2-MB L2 cache) Intel® Core™ Duo Processor T2400* (1.83-GHz, 667-MHz FSB, 2-MB L2 cache) Intel® Core™ Duo Processor T2300* (1.66-GHz, 667-MHz FSB, 2-MB L2 cache) Intel® Core™ Solo Processor T1300* (1.66-GHz, 667-MHz FSB, 2-MB L2 cache) Intel® Celeron® M Processor 430* (1.73-GHz, 533-MHz FSB, 1-MB L2 cache) Intel® Celeron® M Processor 420* (1.60-GHz, 533-MHz FSB, 1-MB L2 cache) Intel® Celeron® M Processor 410* (1.46-GHz, 533-MHz FSB, 1-MB L2 cache) *Intel's numbering is not a measurement of higher performance			
Operating system	**Preinstalled** Microsoft® Windows® XP Professional Edition Microsoft® Windows® XP Home Edition Free DOS		**Supported** Microsoft® Windows 2000 (drivers downloadable from http://www.hp.com)	
Chipset	Mobile Intel® 945GM Express Chipset			
Memory	DDR2 SDRAM, 533 or 667-MHz, two SODIMM slots supporting dual channel memory[5], 256/512/1024/2048-MB, supports up to 4096 MB[6] 9.5 mm SATA hard drives: 60/80/100 GB 5400 rpm, 80/100 GB 7200 rpm			
Hard drive[2]	40/60/80/100-GB 5400 rpm			
Removable media	12.7-mm optical drives: LightScribe[7] DVD+/-RW with Double Layer[8], DVD+/-RW SuperMulti[9] with Double Layer[8], 24X DVD/CD-RW combo, 8X DVD-ROM, 24X CD-ROM			
Display	14.1-inch or 15-inch XGA (1024 x 768 resolution and 16M colours), 15-inch XGA BrightView display (1024 x 768 resolution and 16 M colours), 15-inch SXGA+ wide viewing angle (1400 x 1050 resolution and 16 M colours)			
Graphics	Intel® Graphics Media Accelerator 950, up to 128-MB shared system memory			
Audio	PremierSound High Definition Audio w/24-bit DAC, headphone jack, microphone jack, integrated microphone			
Wireless[3] **support**	Intel® PRO/Wireless 3945ABG Network Connection, Intel® PRO/Wireless 3945BG Network Connection (in Thailand only), Broadcom 4311AG 802.11a/b/g WiFi Adapter, Broadcom 4311BG 802.11b/g WiFi Adapter, Bluetooth™ 2.0			
Communications	Broadcom NetLink Gigabit Ethernet PCI Controller[10] (10/100/1000), 56K v.92 modem			
PC Card slots	1 Type I/II PC Card slot supports 32-bit CardBus and 16-bit cards; Express Card slot			
7-in-1 media reader[4]	Secure Digital, MultiMediaCard, Memory Stick, Memory Stick Pro, Memory Stick Duo, Smart Media and xD memory cards			
Ports and connectors	4 USB 2.0 ports, VGA, mic in, line out, integrated mic, IEEE 1394a, AC power, RJ-11, RJ-45, lock slot, S-video TV out, parallel, serial, docking			
Input device	Full-sized keyboard; Touchpad with scroll zone, Touchpad with scroll zone and HP Biometric Fingerprint Sensor			
Software	**Operating system updates:** **Applications and utilities:**	Microsoft® Windows® Media Player; 10 Microsoft®.NET Framework 1.1 HP Wireless Assistant—select models; HP Mobile Printing Driver for Windows®		
	Security and recovery: **Applications:**	HP Backup and Recovery Manager; Norton Internet Security; HP ProtectTools Security Manager Sonic Digital Media Plus—select models; Intervideo WinDVD 5—select models; Microsoft® Office 2003 Professional (Optional)		
Security	HP ProtectTools, HP Drivelock, optional SmartCard Reader[11], optional HP Biometric Fingerprint Sensor[11], Kensington lock slot			
Dimensions (h x w x d)	30.3 mm [at front] x 328.6 mm x 247.3 mm (1.2 inches [at front] x 12.9 inches x 10.8 inches)			
Weight	**with 14.1-inch display** **with 15-inch display**	from 2.6 kg (5.7 lb) from 2.8 kg (6.1 lb)		
Power	6-cell Lithium-Ion battery, HP Extended Life Battery (8-cell)[11], HP Ultra Capacity Battery (12-cell)[11], 65W HP Smart AC Adapter[12], HP Fast Charge Technology[13]			
Expansion solutions[5]	HP Docking Station	HP Advanced Docking Station	HP External MultiBay II	HP Monitor Stands
Warranty	Three-year or one-year limited parts and labor warranty, depending on country and model (upgrades available[11]); one-year limited warranty on primary battery			

1 Dual Core is a new technology designed to improve performance of certain software products. Check with software provider to determine suitability; Not all customers or software applications will necessarily benefit from use of this technology.
2 For hard drives, GB = 1 billion bytes. Actual available capacity is less. Up to 8 GB of memory is reserved for system recovery software.
3 Wireless access point required and is not included. Availability of public wireless access points limited. Wireless Internet use requires separately purchased Internet service contract.
4 Memory Stick Duo Adapters are required and sold separately. Inserting a Memory Stick Duo Cards directly into your notebook can damage the memory card and/or notebook
5 Dual Channel is only supported when the system is configured with DDR2 symmetric memory (i.e. 2 x 256).
6 Above 3-GB, all memory may not be available due to system resource requirements.
7 LightScribe creates a grayscale image similar to black and white photography. LightScribe media required and sold separately.
8 Double Layer discs can store more data than single layer discs. However, double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.
9 Note that DVD-RAM cannot read or write to 2.6 GB Single Sided/5.2 GB Double Sided—Version 1.0 media.
10 The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
11 Sold separately or purchased as an optional feature.
12 The new HP Smart A/C Adapters will not be backwards compatible to prior generation notebooks. However, a dongle will be available to support existing notebooks in the field. Older HP adapters will not be forward compatible to the 2006 HP Business Notebooks.
13 Fast Charge Technology recharges your battery up to 90% within 90 minutes when the system is off. Fast Charge Technology does not apply to 9 cell primary and 12 cell Ultra Capacity batteries.

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